

## Primary and Secondary AoS Molecular Physics (Mol)

Coordination: S.Schlemmer

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	hpw	SS18	WS 18/19	SS19	WS 19/20	SS20	WS 20/21
<b>Core Courses</b>							
Molecular Physics I	3+1		x		x		x
Molecular Physics II	3+1	x		x		x	
<b>Specialized courses</b>							
Astrochemistry	2	x				x	
Methods of Molecular Astrophysics	2			x			
Measurement Techniques in Molecular Physics	2		x		x		x
Introduction to Atmospheric Physics	2	x		x		x	
Experiments in Molecular Physics (lab, term break)	2		upon request		upon request		upon request
Experimental Methods in Astrophysics	2	x				x	
Fouriertransformations and their Applications	2			x			
Physics of the Interstellar Medium	2	x				x	
Star Formation	2			x			
Modern Spectroscopy (Bonn/BCGS)	2+1						
Laser Physics and non-linear Optics (Bonn/BCGS)	3+1		x		x		x
<b>Seminars</b>							
Advanced Seminar	2	x	x	x	x	x	x

x confirmed

(x) planned

Molecular Physics as Primary: Molecular Physics I & II, Adv. Seminar; specialized courses and lab course (optional);  $\Sigma$  has to be 21 CP.  
as Secondary: lectures/courses to sum up to 12 CP.